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CCE 2, APPLICATION NO. 5784210 AL INFORMATION TO INFORMATION TO SECURE TO SECURE TREET 709: TREET 709: TREET 709: TREET 709: TRY King O. TATRE: PA OUNTRY: USA OUNTRY: USA OUNTRY: IBIS OMBUTER IBIS OMBUTER IBIS PERATION NO FULLARSIFICATION NO FULLARSIFICATION NO ILLING DATE: LASSIFICATION NO ILLING DATE: CASSIFICATION NO ILLING DATE: CREET WILLIAM CREET WILLIAM CREET WILLIAM CELEPAX: 610. CELEPAX: 61	C 7 8888888888888888888888888888888
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5 ING 5 FOR 578920 5 ING 5 ING 6 ING 7 ING	US-08-460- US-08-459- US-08-459- US-08-460- US-08-459- PCT-US93-0- PCT-US93-0- PCT-US93-0- PCT-US93-0- PCT-US94-0- PRT;
Corporatio O. Box 153 WORKGROUPS 789A 15, 1996	Sequence Seq
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ristine DeBouck	Applicatio
er, ELF3	9.53e+01 9.53e+01 9.53e+01 9.53e+01 9.53e+01 9.53e+01 9.53e+01 9.53e+01 9.53e+01 9.53e+01 9.53e+01 9.53e+01 1.11e+02 1.11e+02 1.48e+02 1.28e+02 1.28e+02

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Best Local S
Matches 32
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                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-08-469-412A-15
CURRENT AFFLICATION NUMBER: US/08/405/405/FILING DATE: 05-JUN-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Garrett-Wackowski, Eugenia
NAME: 37,330
                                                                       COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, v.
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                   Patent No. 5856125
GENERAL INFORMATION:
APPLICANT: Mavroti
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                                                                                                                                                                                                                                                                                            APPLICANT:
                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                 APPLICANT: Beal Jr., Gregory J.
APPLICANT: Athanasiou, Meropi A.
APPLICANT: Sgouras, Dionyssios N.
TITLE OF INVENTION: The ERF Genetic Locus and Its Products
NUMBER OF SEQUENCES: 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GEQPQFWSKTQVLDWISYQVEKNKYDASAIDFSRCDMDGATLCNCALEELRLVFGPLGDQ 120
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CITY: San Francisco
STATE: California
                                                                                                                                                                                                           ADDRESSEE:
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321; Conser
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ilarity 86.3%;
Conservative
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Blair, Donald G.
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                                                               US/08/469,412A
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Pred. No. 6.63e-204;
32; Mismatches 17;
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NAME/KEY: Domain
LOCATION: 1.80
OTHER INFORMATION: /n
OTHER INFORMATION: et
SEQUENCE 80 AA; 9816 MW; 3
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                                                                                                                                                                                                                                                                                                                                                   Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0200
INFORMATION FOR SEQ ID NO: 15
SEQUENCE CHARACTERISTICS:
LENGTH: 80 amino acids
                                                 FILING DATE:
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: Baumeister, Kirk
REGISTRATION NUMBER: 33,833
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          61
                     TELEFAX: 610-270-5090 INFORMATION FOR SEQ ID NO:
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                                                                                                                                COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PAtentin Release #1.0, Version
CURRENT APPLICATION DATA:
                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                         NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSEE: SmithKline Beecham Corporation
                                                                                                                                                                                                                                                                                           APPLICANT: Oettgen, Joerg P
APPLICANT: Kunsch, Charles A
TITLE OF INVENTION: NERF Genes
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TELECOMMUNICATION INFORMATION:
         SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                STATE: Pennsy
COUNTRY: USA
                                         TELEPHONE:
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                                                                                                                      APPLICATION NUMBER:
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Similarity 51.3%;
41; Conservative

    Application US/08368281
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                              610-270-5090
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                                          610-270-5096
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ets-like ERF DNA-binding domain"
; 33758 CN;
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Joerg P
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Pred. No. 7.17e-20;
17; Mismatches 22
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                        186 KKPREGKGNTTYLWEFLLDLLQDKNTCPRYIKWTQREKGIFKLYDSKAVSKLWGKHKNKP 245
264 KKSKHA-PRGTHLWEFIRDILIHPELNEGLMKWENRHEGVFKFLRSEAVAQLWGQKKKNS 322
                                                                                                                    TYPE: amily
TOPOLOGY: linear
MOLECULE TYPE: protein
MOLECULE TYPE: p
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                                                                                                                                                                                                                                                                                                                                   TELEFAX: 610-270-5090 INFORMATION FOR SEQ ID NO: 4:
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Local Similarity 44.6%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Libermann, Towia A
APPLICANT: Oettgen, Joerg P
APPLICANT: Kunsch, Charles A
TITLE OF INVENTION: NERF Genes
NUMBER OF SEQUENCES: 9
                                                                                                                                                                                                                                                                                    SEQUENCE CHARACTERISTICS:
LENGTH: 581 amino acid
                                                                                                                                                                                                                                                                                                                                                                                REGISTRATION NUMBER: 33,833
TELECOMMUNICATION INFORMATION:
TELEPHONE: 610-270-5096
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CURRENT APPLICATION DATA: APPLICATION NUMBER: US
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MEDIUM TYPE: Floppy disk
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ADDRESSEE: SmithKline Beecham Corporation
STREET: 709 Swedeland Road
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TOPOLOGY: linear
MOLECULE TYPE: protein
JENCE 521 AA; 56108 MW;
                                                                                                                                                                                                                                                                                                                                                                                                                                                        ATTORNEY/AGENT INFORMATION: NAME: Baumeister, Kirk
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STATE: I
COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STREET: /v> .... CITY: King of Prussia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                 REGISTRATION NUMBER:
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                                                                                            Score 353; |
Pred. No. 7.
21; Mismatc
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Pred. No. 7.17e-20;
21; Mismatches 29
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                                                                                            Mismatches
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7.17e-20;
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                                                                                                                                                                                                                                                                                                                                                                                 COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
MEDIUM TYPE: Floppy disk
PC-DOS/MS-DOS
TYPEM: PC-DOS/MS-DOS
 335 YYYKREILERVDGRRLVYKF 354
                                         275
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   246 DMNYETMGRALRYYYQRGILAKVEGQRLVYQF
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Patent No.
                      60
                                                                                                                                                                                                                                                         TELEFAX: (415) 576-0300 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
                                                                                            Local
                                                            1 LWQFLLQLL-REQGNGHIISWTSRDGGEFKLVDAEEVARLWGLRKNKTNMNYDKLSRALR 59
                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE: Patentin Rel
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                   SEQUENCE CHARACTERISTICS:
LENGTH: 79 amino acids
                                                                                                                                                                                                                                                                             TELECOMMUNICATION INFORMATION: TELEPHONE: (415) 576-0200
                                                                                                                                                                                FEATURE:
                                                                                                                                                                                                                                                                                                                                ATTORNEY/AGENT INFORMATION:
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                                                                                                                          NAME/KEY: Domain
LOCATION: 1.79
OTHER INFORMATION: //
OTHER INFORMATION: e:
ENCE 79 AA; 9515 MW;
                                                                                                                                                                                           MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQUENCES:
                    YYYDKNIIRKVSGQKFVYKF 79
                                         LWEFIRDILIHPELNEGLMKWENRHEGVFKFLRSEAVAQLWGQKKKNSNMTYEKLSRAMR 334
                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: US/08/469,412A FILING DATE: 05-JUN-1995 CLASSIFICATION: 435
                                                                                                                                                                                                             STRANDEDNESS:
                                                                                                                                                                                                                                                                                                   REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                             NAME: Garrett-Wackowski, REGISTRATION NUMBER: 37,
                                                                                                                                                                                                     TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ADDRESSEE:
                                                                                 h 12.2%;
Similarity 45.0%;
36; Conservative
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5856125
                                                                                                                                                                                                                         amino acid
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                                                                                                                                     /note= "ELK1 homologous region to
ets-like ERF DNA-binding domain"
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                                                                                 Score 331; DB 2
Pred. No. 5.39e-
26; Mismatches
                                                                                                                            33360 CN;
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                                                                                          DB 2;
.39e-18;
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ID US-08-780-835B-2
                                                                                                      RESULT
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Best Local Similarity 43.5%;
Matches 37; Conservative
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INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
SEQUENCE S55 amino acids
                                                                                                                                                                                                                                                           SEQUENCE
                             Sequence 7, Application US/08469412A
                                                                        XXXXXX
                                                                                           US-08-469-412A-7
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 Sequence 7, Application US/08469412A Patent No. 5856125
                                                                                                                                                      467 SRSLRYYYEKGIMQKVAGERYVYKF 491
                                                                                                                                                                                          409 RGALQLWQFLVALLDDFT-NAHFIAWTGR-GMEFKLIEFEEVARLWGIQKNRPAMNYDKL 466
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 2, Application US/08780835B Patent No. 5922688 GENERAL INFORMATION:
                                                                                                                                   330 SRAMRYYKREILERVDGRRLVYKF 354
                                                                                                                                                                         271 RGT-HLWEFIRDILIHPELNEGLMKWENRHEGVFKFLRSEAVAQLWGQKKKNSNWTYEKL 329
                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: US/08/780
FILING DATE: 10-JAN-1997
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: W11son, Mark B.
REGISTRATION NUMBER: 37,259
REFERENCE/DOCKET NUMBER: UTSC
                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: PatentIn Release #1.0, CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                          TELECOMMUNICATION INFORMATION: TELEPHONE: (512) 418-3000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION:
NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Hung, Mien-Chie APPLICANT: Xing, Xiangming
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COUNTRY:
ZIP: 772
                                                                                                                                                                                                                                                                              TYPE: amino acid
STRANDEDNESS: sir
                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                     TOPOLOGY:
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Pred. No. 3.25e-16;
20; Mismatches 25;
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Query Match 11.3%;
Best Local Similarity 40.4%;
Matches 36; Conservative
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                                                 Sequence 2, Application US/08469412A
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                                                                                                                               US-08-469-412A-2
           Sequence 2, Application Patent No. 5856125
                                                                                                                                                                                 326
                                                                                                                                                                                                                                  266 SKHAPRGTHLWEFIRDILIHPELNEGLMKWENRHEGVFKFLRSEAVAQLWGQKKKNSNMT 325
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
LENGTH: 543 amino acids
GENERAL INFORMATION:
                                                                                                                                                                                                         70 YDKLSRALRYYYNKRILHKTKGKRFTYKF 98
                                                                                                                                                                                                                                                           12 SSPGSRQIQLWHFILELLRKEE-YQGVIAWQGDY-GEFVIKDPDEVARLWGVRKCKPQMN 69
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELECOMMUNICATION INFORMATION: TELEPHONE: (415) 576-0200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ATTORNEY/AGENT INFORMATION: NAME: Garrett-Wackowski,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Sgouras, Dionyssios N.
TITLE OF INVENTION: The ERF Genetic Locus and Its Products
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT:
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                                                                                                                                                                                 YEKLSRAMRYYYKREILERVDGRRLVYKF
                                                                                                                                                                                                                                                                                                                                  OTHER INFORMATION: /note= "murine OTHER INFORMATION: (first 8 amino OTHER INFORMATION: included)" NCE 543 AA; 58248 MW; 1570279 CN;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US/08/469,412A FILING DATE: 05-JUN-1995 CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                      NAME/KEY: Protein LOCATION: 1..543
                                                                                                                                                                                                                                                                                                                                                                                                                                          STRANDEDNESS:
TOPOLOGY: 11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEPHONE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   REGISTRATION NUMBER:
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STATE: California
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                   amino acid
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Fisher, Robert
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                                                                                                                                                                                                                                                                                                                                                                                                                                          linear
                                                                                                                                                                                                                                                                                                                                                                                                                           protein
                                                                                                                               STANDARD;
                         US/08469412A
                                                                                                                                                                                                                                                                                                                                                             /note= "murine ERF amino acid sequence
(first 8 amino acids from first exon no
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FR: 015280-229000
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Pred. No. 7.08e
23; Mismatches
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                                                                                                                               548
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Mavrothalassitis, George J.

APPLICANT:

Blair, Donald G.

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Best Local :
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                                                                                                                         Sequence 13, Application Patent No. 5856125
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                                                                                                 GENERAL INFORMATION:
APPLICANT: Mavrot
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INFORMATION FOR SEQ ID NO: 2
SEQUENCE CHARACTERISTICS:
LENGTH: 548 amino acids
                                                                                                                                                                                                                                                                                                                                                                              Match 11.3%;
Local Similarity 40.4%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Fisher, Robert J.
APPLICANT: Beal Jr., Gregory J.
APPLICANT: Athanasiou, Meropi A.
APPLICANT: Sgouras, Dionyssios N.
TITLE OF INVENTION: The ERF Genetic Locus and Its Products
NUMBER OF SEQUENCES: 16
                                                                 APPLICANT: Blair, Donald G
APPLICANT: Fisher, Robert
APPLICANT: Beal Jr., Grego
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        REFERENCE/DOCKET NUMBER: 01
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                    APPLICANT: Athanasiou, Meropi A. APPLICANT: Sgouras, Dionyssios N. TITLE OF INVENTION: The ERF Genet NUMBER OF SEQUENCES: 16
                                                                                                                                                                                                                                                                                                                                                                                                                MOLECULE TYPE: protein
JENCE 548 AA; 58776 MW; 1557180 CN;
             CORRESPONDENCE ADDRESS:
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YEKLSRAMRYYYKREILERVDGRRLVYKF 354
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: US/0:
FILING DATE: 05-JUN-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE: Patentin Rel.
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                                                                                                                                                                                                                                                                                                                                            SSPGSRQIQLWHFILELLRKEE-YQGVIAWQGDY-GEFVIKDPDEVARLWGVRKCKPQMN 77
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                                                                                                                                                          13, Application US/08469412A
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GY: linear
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                                                               Fisher, Robert J.
Beal Jr., Gregory J.
                                                                                                  Mavrothalassitis,
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Townsend and Townsend
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Pred. No. 7.08e-16;
23; Mismatches 28
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and Crew
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                                                                                                                                                             Patent No.
                                                                                                                                                GENERAL INFORMATION:
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INFORMATION FOR SEQ ID NO:
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APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: PC-DOS/MS-DOS
STREET: TWO CITY: San Francisco
STATE: California
                                                          APPLICANT: Athanasiou, Meropi A.
APPLICANT: Sgouras, Dionyssios N.
TITLE OF INVENTION: The ERF Genetic Locus and Its
NUMBER OF SEQUENCES: 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/469,412A
                                                  NUMBER OF SEQUENCES: 1
                                                                                                                                                                                                                                                                     10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEPHONE: (415) 576-0200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MOLECULE TYPE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                   OTHER INFORMATION: /note= "Pe
OTHER INFORMATION: ets-like E
NCE 78 AA; 9362 MW; 32764 CN;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME/KEY: Domain LOCATION: 1..78
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           REGISTRATION NUMBER: 37, REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE: 05-JUN-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STATE:
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                                        ADDRESSEE:
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Similarity 43.8%;
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                                                                                                                                                                                                                                                                                                                                                                                          Conservative
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                            E: Townsend and Townsend and Crew LLP Two Embarcadero Center, Eighth Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            78 amino acids
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                                                                                                      Beal Jr., Gregory J.
                                                                                                                                     Mavrothalassitis,
                                                                                                                  Fisher, Robert J.
                                                                                                                           Blair, Donald
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ets-like ERF DNA-binding domain"
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Pred. No. 2.76e-15;
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COMPUTER READABLE FORM: MEDIUM TYPE: Floppy

Floppy disk

COUNTRY: ZIP: 941

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Best Local
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TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 14
SEQUENCE CHARACTERISTICS:
LENGTH: 81 amino acids
                                                                                                                                                                                                                                                                                                          T 11
US-08-469-412A-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SEQUENCE
                                                                                                                                                                                                                                    Sequence 10, Application US/08469412A
                                                                                                                                                                                                  Sequence 10, Application US/08469412A Patent No. 5856125
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                                                                                                                                                                                                                                                                                                                                                                                                   275 LWEFIRDILIHPELN-EGLMKWENRHEGVFKFLRSEAVAQLWGQKKKNSNWTYEKLSRAM 333
                                                                                                                                                                           GENERAL INFORMATION:
APPLICANT: Mavrot
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                    STREET: TWO CITY: San Francisco
CITY: San Francisco
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             REFERENCE/DOCKET NUMBER: 01
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ATTORNEY/AGENT INFORMATION:
NAME: Garrett-Wackowski, Eugenia
REGISTRATION NUMBER: 37.330
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/0:
FILING DATE: 05-JUN-1995
CLASSIFICATION: 435
 COMPUTER
                                                                               NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
                                                                                                                             APPLICANT:
                                                                                                                                                     APPLICANT:
                                                                                                                                                                 APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FEATURE:
                                                                                                     APPLICANT: Sgouras, Dionyssios N.
TITLE OF INVENTION: The ERF Genetic Locus and Its Products
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              OTHER INFORMATION: 6
OTHER INFORMATION: 6
NCE 81 AA; 9842 MW;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTMARE: Patentin Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME/KEY: Domain LOCATION: 1..81
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: amino acid STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY:
                                                                     ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                               10.9%;
Similarity 40.7%;
33; Conservation
            94111-3834
READABLE FORM
                                                        E: Townsend and Townsend and Crew LLP
Two Embarcadero Center, Eighth Floor
                                                                                                                            Beal Jr., Gregory J. Athanasiou, Meropi A
                                                                                                                                                     Fisher, Robert J
                                                                                                                                                                Blair, Donald G.
                                                                                                                                                                        Mavrothalassitis, George
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ets-like ERF DNA-binding domain"
; 32867 CN;
                                                                                            16
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Pred. No. 5.99e-15;
23; Mismatches 24;
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Matches 3
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TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEPAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                     XXXXXX
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SEQUENCE
                                                                                                                                                                                                                                                                                      Sequence 11, Application US/08469412A
                                                                                                                                                                                                                                                    Sequence 11, Application US/08469412A Patent No. 5856125
                                                                                                                                                                                                                                                                                                                                                                                                           335 YYYKREILERVDGRRLVYKF 354
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                                                                                                                                                                                                                                                                                                                                                                                                                          59 YYYNKRILHKTKGKRFTYKF
                                                                                                                                                                                                                                        GENERAL INFORMATION:
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Local Similarity 42.5%;
es 34; Conservative
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                                                                                                                                                                                         APPLICANT:
APPLICANT:
APPLICANT:
         COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: LBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                     CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
                                                                                                                                          APPLICANT: Sgouras, Dionyssios N.
TITLE OF INVENTION: The ERF Genetic Locus and Its Products
NUMBER OF SEQUENCES: 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Garrett-Wackowski,
REGISTRATION NUMBER: 37,
                                                                                                                                                                   APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER: IBM PC COMPATIBLE OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: PatentIn Release #1.0
                                                                                CITY: San Francisco
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LOCATION: 1..78
OTHER INFORMATION: /
VCE 78 AA; 9646 MW;
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                                                           ZIP: 94111-3834
                                                                     COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME/KEY: Domain
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PatentIn Release #1.0, Version #1.30
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; 32940 CN;
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Pred. No. 1.07e-14;
20; Mismatches 24;
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Best Local
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APPLICATION NUMBER: US/08/469,412A
FILING DATE: 05-JUN-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: GAITELT-WACKOWSKI, Eugenia
REGISTRATION NUMBER: 37,330
REFERENCE/DOCKET NUMBER: 015280-229
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0300
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
TENCTY: 78 amino acids
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SEQUENCE
                                                                                                                                                                                                                                                                                                                                     Sequence 16, Application US/08469412A
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/469,412A
FILING DATE: 05-JUN-1995
                                                                                                                                                                                                                                                                                                    Sequence 16, Application US/08469412A Patent No. 5856125
                                                                                                                                                                                                                                                                                                                                                                                                                                                                334 RYYYKREILERVDGRRLVYKF 354
                                                                                                                                                                                                                                                                                       Patent No.
GENERAL I
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                                                                                                                                                                       APPLICANT: Mavrothalassitis, George J.
APPLICANT: Blair, Donald G.
APPLICANT: Fisher, Robert J.
APPLICANT: Beal Jr., Gregory J.
APPLICANT: Athanasiou, Meropi A.
APPLICANT: Sqouras, Dionyssios N.
TITLE OF INVENTION: The ERF Genetic Locus and Its Products
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  RYYYDKNIIHKTAGKRYVYRF 78
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME/KEY: Domain
LOCATION: 1..78
OTHER INFORMATION: //
OTHER INFORMATION: e:
ENCE 78 AA; 9571 MW;
                                                                                                             STATE: C
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                                                                                                                                                             ADDRESSEE:
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Similarity 37.0%;
30; Conservative
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                                                                                                                                    San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            amino acid
                                                                                                                         California
                                                                                                                                                  Two Embarcadero
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                                                                                                                                                                                                                                                                                                                                                                                                               STANDARD;
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ets-like ERF DNA-binding domain"
; 32616 CN;
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                                                                                                                                                Townsend and Crew LLP Center, Eighth Floor
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APPLICANT: Gill, Gordon N.

APPLICANT: Kurten, Richard C.

APPLICANT: Cadena, Deborah L.

TITLE OF INVENTION: Sorting:

NUMBER OF SEQUENCES: 25

CORRESPONDENCE ADDRESS:

ADDRESSEE: Campbell and Fl.
                                                                                                                                                                                                                                                                                                                                                                                                                             US-08-625-322-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SEQUENCE
                                                                                                                                                                                                                                                                                                                                                       Sequence 2, Application US/08625322
        COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/625,322
FILING DATE: 01-APR-1996
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Campbell, Cathryn A.
REGISTRATION NUMBER: 31,815
REFERENCE/DOCKET NUMBER: P-UD 1955
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           332 AMRYYYKREILERVDGRRLVYKF 354
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       275 LMEFIRDILIHPELNEGLMKWENRHEGVFKFL-R-SEAVAQLWG-QKKKNSNMTYEKLSR 331
                                                                                                                                                                                                                                                                                                                                Sequence 2, Application US/08625322
                                                                                                                                                                                                                                                                                                                      Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                60 ALRNYGKTGEVKKVK-KKLTYQF 81
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEFAX: (415) 576-030 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Match 7.5%;
Local Similarity 33.7%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 LYQFLLDLLRSGDMKDSI-WWVDKDKGTFQFSSKHKEALAHRWGIQKGNRKKMTYQKMAR 59
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME: Garrett-Wackowski, Eugenia REJESTON NUMBER: 37,330 REFERENCE/DOCKET NUMBER: 015280-TELECOMMUNICATION INFORMATION: TELEPHONE: (415) 576-0200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SEQUENCE CHARACTERISTICS:
LENGTH: 81 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME/KEY: Domain
LOCATION: 1.81
OTHER INFORMATION: (
OTHER INFORMATION: (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MOLECULE TYPE:
                                                                                                                                                               COUNTRY: U
ZIP: 92122
                                                                                                                                                                                    CITY: San Diego
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    81 AA; 9700 MW;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Conservative
                                                                                                                                                                                                          E: Campbell and Flores
4370 La Jolla Village Drive, Suite
                                                                                                                                                                          USA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         peptide
                                                                                                                                                                                                                                                                                                                                                                                                                             STANDARD;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ) 576-0300
O ID NO: 16:
                                                                                                                                                                                                                                                         Sorting
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    35550 CN;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      24;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Score 204; DB 2;
Pred. No. 1.89e-07;
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INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:

TELEPHONE:

(619)

(619) 535-9001 (19) 535-8949

LENGTH: 522 amino acids
TYPE: amino acid
TOPOLOGY: linear

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Best Local Similarity 25.0%;
Matches 23; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 27, Application US/08222715B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SEQUENCE
                                                                                                                                                                              COUNTRY: US
ZIP: 01915
ZIP: 01915
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPALIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/222,715B
FILING DATE: 04-APR.1994
CLASSIFICATION: 536
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 27, Application US/08222715B Patent No. 5834285 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         331 RAMRYY-YKREILERVDG--RRLVYKFGKNSS 359
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 456 WESRVTQYERDF-ERISTVVRKEVIRFEKEKS 486
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         275 LWEFIRDI-LIHPELNEGLMKWENRHEGVFKFLRS-EAVAQL-WGQK-KKNSNWTYEKLS 330
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   396 LSDYIRLLAIVRAAFDQRMKTWQRWQDAQATLQKKREAEARLLWANKPDKLQQAKDEILE 455
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/167,238
FILING DATE: 15-DEC-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/686,340
FILING DATE: 17-APR-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/626,057
FILING DATE: 11-DEC-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/513,994
FILING DATE: 26-APR-1990
ATTORNEY/AGENT INFORMATION:
NAME: Williams, Gregory D.
                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Kucera, Rebecca
APPLICANT: Jack, William E.
TITLE OF INVENTION: RECOMBINANT THERMOSTABLE DNA
TITLE OF INVENTION: POLYMERASE FROM ARCHAEBACTERIA
NUMBER OF SECURICES: 27
CORRESPONDENCE ADDRESS:
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT:
                                                                                                                                                                                                                                                                                                                                                 STREET:
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                                                                                                                                                                                                                                                                                                                                                              ADDRESSEE:
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522 AA; 59092 MW; 1326685 CN;
                                                                                                                                                                                                                                                                                                                                        BEVERLY
                                                                                                                                                                                                                                                                                                                          MASSACHUSETTS
                                                                                                                                                                                                                                                                                                                                                  32 TOZER ROAD
                                                                                                                                                                                                                                                                                                                                                                                                                                                       Perler, Francine
Kucera, Rebecca
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Comb, Donald G.
                                                                                                                                                                                                                                                                                                                                                                          GREGORY D. WILLIAMS; NEW ENGLAND BIOLABS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STANDARD;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Score 110; DB 2;
Pred. No. 2.69e+00;
28; Mismatches 33
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1022 AA
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Best Local S
                                                                                                          Matches
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 356 KNSSGWK 362
                         748 KELEEWK 754
                                                   301 GVFKFL-RSEAVAQLWGQKKKNSNMTYEKLSRAMRYY-YKREILERVDGRR-LV-YKFG- 355
                                                                              691 GLIKLLPRGYEVTD-WERLKKYKQL-YEKLAGSVKYNGNKREYLVMFNEIKDFISY-FPQ 747
                                                                                                                                                                                                    INFORMATION FOR SEQ ID NO: 2
SEQUENCE CHARACTERISTICS:
LENGTH: 1022 amino acids
TYPE: amino acid
STRANDEDNESS: unknown
                                                                                                                                                                                                                                                                                    REGISTRATION NUMBER: 30901
REFERENCE/DOCKET NUMBER: NEB-054C3FC2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (508) 927-9054
TELEFAX: (508) 927-1705
                                                                                                                                                                                        TOPOLOGY:
                                                                                                       h 3.7%;
Similarity 32.8%;
22; Conservative
                                                                                                                                                                                          unknown
                                                                                                       Score 101; DB 2;
Pred. No. 1.12e+01
17; Mismatches 2
                                                                                                                                                                                                                                                           27:
                                                                                                                                 Length 1022;
                                                                                                         Indels 8;
                                                                                                         Gaps
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Search completed: Thu Jan 13 09:32:07 2000 Job time: 25 secs.